

REMARKS

After entry of the foregoing amendment, claims 28 and 32-37 are active in the present application. Claims 28 and 32-34 were previously allowed and have been amended only to correct errors and to place them in proper form. Claims 35-37 are slightly revised versions of claims 28, 33 and 34, respectively. More specifically, claims 35-37 are parallel to claims 28, 33 and 34, except that the portions of the claims relating to the gas impermeable enclosure have been omitted in favor of a means plus function terminology without the requirement for either an enclosure or gas impermeability. It is believed that new claims 35-37 distinguish over the art of record for the same reasons that allowed claims 28, 33 and 34 distinguish over the art. More specifically, these three new claims recite a particular structure which includes a hollow conductive tube with a measuring head on one end, certain measurement elements, means for electrically connecting the measuring elements to a connector on the other end of the conductive tube, a particular sheathing surrounding the major length of the tube having a particular tapered outer surface and a shoulder on the end opposite from the tapered end, and an elongated hollow support for engaging the shoulder of the sheathing. It is respectfully submitted that new claims 35-37 distinguish patentably over the art and are in condition for allowance.

The applicant wishes to thank the Examiner for the courtesies extended during the interview conducted on February 14, 1990. The Examiner Interview Summary Record accurately reflects the substance of the interview.

In view of the foregoing amendment and discussion, it is respectfully submitted that the present application, including claims 28 and 32-37, is in condition for allowance and such action is respectfully requested.

Respectfully submitted,



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